

IN THE CLAIMS

Please amend the claims as follows:

1 – 23. (Canceled)

24. (Previously Presented) A golf ball having a core and a cover, wherein the golf ball has a profile defined by a hob profile, wherein the hob profile comprises is formed in a mold comprising:

~~first and second golf ball mold halves, each mold half having a cavity with an arcuate surface defined by at least two arcs having different center points, wherein each cavity the hob profile has a first degree of sphericity, and wherein the profile golf ball has a second degree of higher sphericity greater than the first degree of sphericity of each cavity.~~

25. (Previously Presented) The golf ball of claim 24, wherein the core comprises a center of polybutadiene, and wherein the golf ball further comprises an intermediate layer disposed about the core.

26. (Previously Presented) The golf ball of claim 25, wherein the intermediate layer comprises an ionomer resin.

27. (Previously Presented) The golf ball of claim 24, wherein the cover comprises an ionomer.

28. (Previously Presented) The golf ball of claim 24, wherein the cover comprises a thermoset polyurethane.

29. (Previously Presented) The golf ball of claim 24, wherein the cover comprises a thermoplastic polyurethane.

30. (Currently Amended) A golf ball having a core and a cover, wherein the golf ball has a profile having a first degree of sphericity, wherein the profile is defined by a hob profile is formed in a mold comprising[:]~~first and second golf ball mold halves, each mold half having a cavity with an arcuate surface defined by at least~~ [[two]] three arcs having different

center points, and wherein the hob profile has a second degree sphericity less than the first degree of sphericity.

31. (Currently Amended) The golf ball of claim 30, wherein the hob profile extends from a pole to an equator edge and wherein the at least three arcs comprise a polar zone arc, an intermediate zone arc, and an equatorial zone arc each mold half has a cavity with an arcuate surface defined by at least three arcs having different center points.

32. (Currently Amended) The golf ball of claim 31 [[30]], wherein the polar zone arc has a first radius, the equatorial zone arc has a second radius, and the intermediate zone arc has a third radius, and wherein the first and second radii are greater than the third radius arcuate surface is larger than the golf ball.

33. (Currently Amended) The golf ball of claim 30, wherein the hob profile arcuate surface has a first set of dimples and the golf ball has a second set of dimples.

34. (Currently Amended) The golf ball of claim 33, wherein the first set of dimples is larger in size than the second set of dimples.

35. (Previously Presented) The golf ball of claim 30, wherein the cover comprises thermoset polyurethane, thermoplastic polyurethane, an ionomer resin, or a combination thereof.

36. (Previously Presented) The golf ball of claim 30, wherein the golf ball further comprises an intermediate layer.

37. (Currently Amended) A golf ball comprising having a core and a cover, wherein the golf ball has a profile defined by a hob profile, wherein the hob profile has an arcuate surface extending from a pole to an equator edge and comprises is formed in a mold comprising first and second golf ball mold halves, each mold half having a cavity with an arcuate surface defined by at least three arcs having different center points, wherein the hob profile each cavity has a first degree of sphericity, and wherein the golf ball has a second degree of higher sphericity greater than the first degree of sphericity of each cavity.

38. (Previously Presented) The golf ball of claim 37, wherein the at least three arcs comprises a first arc, a second arc, and a third arc, wherein the first arc and the third arc have radii greater than the radius of the second arc.

39. (Previously Presented) The golf ball of claim 37, wherein the at least three arcs comprises a first arc having a first length, a second arc having a second length, and a third arc having a third length.

40. (Previously Presented) The golf ball of claim 39, wherein the first length and the third length are greater than the second length.

41. (Previously Presented) The golf ball of claim 37, wherein the golf ball further comprises an intermediate layer.

42. (Previously Presented) The golf ball of claim 41, wherein the intermediate layer comprises an ionomer resin.

43. (Previously Presented) The golf ball of claim 37, wherein the cover comprises a thermoset polyurethane, a thermoplastic polyurethane, an ionomer resin, or a mixture thereof.

Please add the following new claims:

44. (New) The golf ball of claim 24, wherein the hob profile extends from a pole to an equatorial edge.

45. (New) The golf ball of claim 24, wherein the at least two arcs are continuous with respect to each other.

46. (New) The golf ball of claim 45, wherein the at least two arcs are in a tangential arrangement.

47. (New) The golf ball of claim 24, wherein the hob profile is larger than the profile of the golf ball.